

Program Schedule – 30th & 31st January 2019

Registration of Participants (8.30 AM to 9.30 AM)	
DAY 1: 30-1-2020	09-30 A.M. To 10.30 A.M. Inaugural Session Research Methodology <ul style="list-style-type: none"> • Research Paradigms • Research Methods • Types of Research Studies • Research Gaps <ul style="list-style-type: none"> • Problem Statement • Content Analysis Statistical Concepts and its Application <ul style="list-style-type: none"> • Population and Sample • Organizing data • Sampling Techniques & sample size • Stages in Data Analysis • Procedure for Testing of Hypothesis • Concept of P value • Parametric and Non-parametric test Interpretation • Enter your data into a data file in SPSS • Provide labels for input file • Transform the data into suitable form • Prepare Descriptive Statistics • Prepare graph for the data • Reliability Analysis • T- Test (One Sample, Two Sample Paired T- Test) <ul style="list-style-type: none"> • Hypothesis Testing for T-Test • One Way & Two way ANOVA • Chi-square test for goodness of fit • Correlation analysis & Regression • Test for Normality • Mann Whitney U test • Krushkal Wallis test • Wilcoxon test & Friedman Test • Multiple Regression Analysis • Discriminant Analysis • Factor Analysis & Cluster Analysis • Mapping Tools
DAY 2 31-1-2020	Structural Equation Model using AMOS <ul style="list-style-type: none"> • Model Fit Summary • Goodness of Fit Index (GFI) • Adjusted Goodness of Fit Index (AGFI) • Normated Fit Index (NFI) • Comparative Fit Index (CFI) • RMR & RMSEA Confirmatory Factor Analysis using AMOS based on One Factor <ul style="list-style-type: none"> • Modification Indices • Model Fit Summary Confirmatory Factor Analysis using AMOS based on Multi Factor <ul style="list-style-type: none"> • Average Variance Extracted (AVE) Analysis based on Secondary Data <ul style="list-style-type: none"> • Construct Reliability (CR) • Convergent Validity • Discriminant Validity • Linear Model • Compound Model • ARIMA Model Valedictory: 5.00 PM to 5.30 PM

(Note: Tea Break 10.30 AM to 10.45 and 3.30 PM to 3.45 PM; Lunch 1.00 PM to 2.00 PM)

Chief Patron:

Rt. Rev. Dr. Chandrasekaran
Bishop & Chairman

Patron:

Dr. D. Paul Dhayabaran
Principal
Bishop Heber College, Trichy.

Dr. V. Selvaraj,
Secretary, Primax Foundation,
Bengaluru, Karnataka.

Conveners :

Dr. G. Gnanaraj
Head, Department of Commerce
Bishop Heber College, Trichy.

Dr. K.V. Ramanathan
Professor of Finance & Marketing,
Primax Foundation, Bengaluru,
Karnataka.

Prof. G. T. Samuel Devadoss
Coordinator
Dept. of Commerce ,
Bishop Heber College, Trichy.

Organizing Secretary :

Prof. T. Rajeswari,
President, Primax Foundation,
Bengaluru, Karnataka.
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BISHOP HEBER COLLEGE

(Autonomous)

Tiruchirappalli – 620017

Recognized by UGC as 'College of Excellence'

Nationally Reaccredited with 'A' Grade by NAAC with CGPA of 3.58 out of 4

DEPARTMENT OF COMMERCE

In Association with

PRIMAX FOUNDATION

(Registered Under the Karnataka Society Reg. Act 1960)

Registered under I.T. Act 1961 & Exempted U/S 12A and 80G.

Reg. No. JNR-S211-2015-16, Bengaluru, Karnataka, India.



13th

Two day National Level Workshop

On

Research Methodology & Data Analysis

Using SPSS and AMOS

(A Complete hands on training programme)



Date: 30th & 31st January 2020 Time 8.30 AM to 5.30 P.M

**Venue : IV Floor Auditorium
BISHOP HEBER COLLEGE (Autonomous), Tiruchirappalli**

BISHOP HEBER COLLEGE, TRICHY, TAMIL NADU

Bishop Heber College is a Religious Minority Educational Institution established by the Tiruchirappalli – Thanjavur Diocese of the Church of South India. The College offers 20 Undergraduate, 17 Post graduate and Research programmes. The College is reaccredited with 'A' grade with a CGPA of 3.58 out of 4. The College is also recognized by the University Grants Commission of India as a 'College of Excellence'.

DEPARTMENT OF COMMERCE, BISHOP HEBER COLLEGE, TRICHY

The present Department of Commerce owes its existence to the former Department of Corporate Secretaryship, affiliated to the University of Madras since 1977. The department offered B.A. Degree programme in Corporate Secretaryship and in 1984 was converted into Department of Commerce affiliating with the Bharathidasan University, Tiruchirappalli. At present the Department offers B.Com, B.Com (Computer Application), B.Com (Professional Accounting) B.Com (International Accounting) B.Voc (Accounting and Taxation), M.Com., M.Phil and Ph.D Programmes.

PRIMAX FOUNDATION, BENGALURU, KARNATAKA.

Primax Foundation® was established in the year 2015 and it was registered under the Karnataka Societies Reg. Act 1960 (Reg. No JNR-211-2015-16) Primax Foundation is established with towering ideals of imparting quality and non-profitable services to the society through Journals, Seminars, Workshops, Educational Training & Skill Development, Study Circles, Counseling & Rehabilitation, Initiating Research Activities etc., Primax Foundation is an upcoming Training and Development Center in Bengaluru offering a variety of need based training programs, through on-and-off campus modes. In addition, its intention is to upgrade the quality of research work among the faculty members involved in Science & Humanities, Commerce, Management Education and the allied fields to ensure that all the research work undertaken, is gainfully put to use by the industry, society and corporate world. The Primax Foundation is registered under I.T. Act 1961, and exempted u/s12(A) and 80G.

About Workshop

In today's world it is most difficult to avoid the term 'research'. It is because of the continuous efforts of the researcher that we are experiencing a giant leap in this century. Most of the users of statistics, as a decision making tool, feel themselves handicapped in selection of an appropriate statistical tool, understanding the theoretical concept and interpretation of results in a meaningful way. It is really difficult for a person who is not well versed with research methodology and the core philosophy of statistics. A research is initiated to have some practical consequences. This workshop has been designed to provide clear guidelines on how to undertake research as well as highlights the realities of undertaking research, including more common pitfalls. Looking at these requirements of research, the Bishop Heber College (Autonomous) and Primax Foundation, Bangalore, has planned to organize this Faculty Development Program on Open Source Statistical Packages. Participants will be provided with sample data set to analyse so that they may gain confidence and expertise in conducting researches in their respective subject domains.

The aim of this workshop is to bring together researchers and doctoral students, young and experienced faculties who are working in different universities, colleges on different disciplines and would like to excel in their classroom with their full confidence and motivation in respective specializations. Current FDP supports at equipping teachers/faculties of higher education with skills and knowledge to promote the professional development and to foster a climate for innovation in teaching and learning. This workshop will be conducted in a highly interactive manner.

Workshop Objectives

- To enhance overall teaching and research capabilities of faculty members.
- To help the participants to familiarize with the statistical Concepts.
- To Train the participants in data entry through SPSS and AMOS
- To develop new techniques in Research Methodology, so as to improve the quality of research work
- To Develop confidence, as independent SPSS and AMOS data Analyst.

Who can Participate?



- Faculty Members, Academicians and Research Scholars in their respective fields.
- Professionals and Executives from the Industry engaged in data analytics and applications.

Programme Methodology

Programmes would be delivered through combination of

1. Interactive Lecture & Discussions
2. Hands- On Practices

Our Chief Resource Person



Dr. R. RAVANAN

Joint Director of Collegiate Education, Chennai Region, Chennai
Former Principal, Presidency College, Chennai

He has about **25 years of research, consultancy and teaching experience** in the application of Statistics to Bio-statistics especially in the estimation of HIV/AIDS. He has been teaching and training Advanced Operation Research, Stochastic Processes, Statistical Inference and Multivariate methods to Post Graduate students and researchers and has provided consultancy support to scientists in the field of biomedical sciences. He has more than **21 years of experience in using statistical software's SPSS and AMOS.**



Dr. D. Kumaresan

Principal and Professor of Commerce
Laxminarayana Arts & Science College for women, Darmapuri.

He has a teaching experience of 22 years including research experience of 17 years. He is proficient in SPSS and has conducted more than 60 workshops on Research Methodology and Data Analysis using SPSS and Excel in reputed Universities and Colleges in Tamil Nadu, Andhra Pradesh and Karnataka.

REGISTRATION FEE

Participants	Amount
Research Scholar	INR 2,000 /-
Faculty	INR 2,500 /-
Corporate	INR 3,000/-

• The Registration fee includes the Participation fee, FDP Kit, Demo Statistical Software, Materials, Certificate, Refreshment & Executive Lunch.

• **Only Limited Participants will be admitted on "First come - First Serve basis"**

The Participants are requested to send the registration form along with the Registration fee in the form of NEFT/IMPS payable on or before **25-01-2020.**

Important Note

1. Accommodation will be provided for Out station participants (with own cost)
2. No spot registration
3. Attendance Certificate will be issued
4. Participants are requested to carry their Own Laptops for Practical session.

NEFT

Name of the Account : Primax Foundation
Account No. : 166111100001608
(Current Account)
Bank Name : Andhra Bank
Place : Kengeri Satellite Town,
Bangalore-60
IFSC Code No. : ANDB0001661
MICR CODE : 560011038

Primax Foundation



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Prof. T.Rajeswari

President, Primax Foundation

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